

Safety Data Sheet (SDS)

OSHA HazCom 2012 Standard 29 CFR 1910.1200. Prepared to GHS Rev03.

Reviewed on 05/29/2015

1 Identification

- **Product identifier**
- **Trade name:** NEW II
- **CAS Number:**
64742-48-9
- **EC number:**
265-150-3
- **Product description**
Environmentally Preferred Parts Cleaner Qualified to MIL-PRF-680C, Type II

| Name | Part No. | Packaging | National Stock No. |
|--------|----------|-------------|--------------------|
| NEW II | 1156-55 | 55 Gal Drum | 6850-01-474-2316 |
| NEW II | 1156-5 | 5 Gal Pail | 6850-01-474-2317 |
| NEW II | 1156-15 | 15 Gal Drum | 6850-01-378-0698 |
| NEW II | 1156 | 1 Gal | 6850-01-474-2319 |

- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Ecolink
2177 Flintstone Dr., Ste. A
Tucker, GA 30084
www.ecolink.com
800-886-8240 or 770-621-8240 (8-5 EST)
- **Emergency telephone number:** Infotrac: 1-800-535-5053, 1-352-326-2510

email: info@ecolink.com

2 Hazard(s) identification

- **Classification of the substance or mixture**



Health hazard

H304 May be fatal if swallowed and enters airways.

H 227 Combustible liquid.

- **Label elements**
- **GHS label elements**
The substance is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS08

- **Signal word** Danger

(Contd. on page 2)
USA

Safety Data Sheet (SDS)

OSHA HazCom 2012 Standard 29 CFR 1910.1200. Prepared to GHS Rev03.

Reviewed on 05/29/2014

Trade name: **NEW II**

(Contd. of page 1)

• **Hazard-determining components of labeling:**

Naphtha (Petroleum), Hydrotreated Heavy

• **Hazard statements**

H227 Combustible liquid.

H304 May be fatal if swallowed and enters airways.

• **Precautionary statements**

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P331 Do NOT induce vomiting.

P370+P378 In case of fire: Use water fog, foam, dry chemical or CO2 to extinguish.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P405 Store locked up.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container in accordance with local/national/international regulations.

• **Classification system:**

• **NFPA ratings (scale 0 - 4)**



Health = 1

Fire = 2

Reactivity = 0

• **HMIS-ratings (scale 0 - 4)**

| | |
|------------|---|
| HEALTH | 1 |
| FIRE | 2 |
| REACTIVITY | 0 |

Health = 1

Fire = 2

Reactivity = 0

3 Composition/information on ingredients

• **Chemical characterization: Substances**

• **CAS No. Description**

Naphtha (Petroleum), Hydrotreated Heavy

64742-48-9

90-100%

• **Identification number(s)**

• **EC number:** 920-901-0

4 First-aid measures

• **Description of first aid measures**

• **After inhalation:** Supply fresh air; consult doctor in case of complaints.

• **After skin contact:** Wash contact areas with soap and water. Remove contaminated clothing and launder before re-use.

• **After eye contact:** Rinse opened eye for several minutes under running water.

• **After swallowing:** Give large amounts of water. Do NOT induce vomiting. If symptoms persist consult doctor.

(Contd. on page 3)

USA

Safety Data Sheet (SDS)

OSHA HazCom 2012 Standard 29 CFR 1910.1200. Prepared to GHS Rev03.

Reviewed on 05/29/2014

Trade name: NEW II

(Contd. of page 2)

- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, foam, dry chemical, or water fog to extinguish flames.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool closed containers and exposed surfaces.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (ie. sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols or spray mists.
Avoid contact with the skin.
Prevent small spills and leakage to avoid slip hazard.
- **Information about protection against explosions and fires:** Protect from heat. Bond and ground containers when transferring liquid.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container closed when not in use. Handle containers with care. Store at room temperature. Protect from heat and direct sunlight. Store in a cool, well ventilated place. Open slowly in order to control possible pressure release.
Chemical compatibility: Epoxy phenolics; Teflon; Neoprene; Stainless Steel; Carbon Steel
- **Unsuitable materials and coatings:** Vinyl coatings; Natural Rubber; Butyl Rubber; Ethylene propylene diene monomer (EPDM).

(Contd. on page 4)

USA

Safety Data Sheet (SDS)

OSHA HazCom 2012 Standard 29 CFR 1910.1200. Prepared to GHS Rev03.

Reviewed on 05/29/2014

Trade name: **NEW II**

(Contd. of page 3)

8 Exposure controls/personal protection

- **Control parameters**
- **Components with occupational exposure limits:**

| | | |
|---|----------------------------------|------------|
| Naphtha (Petroleum), Hydrotreated Heavy | | |
| TWA | 400 mg/m ³ (100 ppm) | OSHA Z1 |
| RCP - TWA | 1200 mg/m ³ (171 ppm) | (supplier) |
- **Additional information:** *The lists that were valid during the creation were used as basis.*
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:** *Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work.*
- **Breathing equipment:** *In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure, use respiratory protective device that is independent of circulating air.*
- **Protection of hands:** *The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Select glove material based on penetration times, rates of diffusion and degradation.*
- **Material of gloves** *The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.*
- **Penetration time of glove material** *The exact break-through time has to be determined and observed by the manufacturer of the protective gloves.*
- **Eye protection:** *Goggles or safety glasses with side shields recommended.*

9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

| | |
|------------------------|-----------------|
| Form: | Liquid |
| Color: | Colorless |
| Odor: | Odorless |
| Odor threshold: | Not determined. |
| pH-value: | Not determined. |
- **Change in condition**

| | |
|-------------------------------------|-----------------|
| Melting point/Melting range: | Not determined. |
| Boiling point/Boiling range: | 180 °C (356 °F) |
- **Flash point:** 62 °C (144 °F) (Bulk Liquid (TCC))
- **Flammability (solid, gaseous):** Not applicable.
- **Ignition temperature:** 335 °C (635 °F)
- **Decomposition temperature:** Not determined.
- **Auto igniting:** Not determined.

(Contd. on page 5)

Safety Data Sheet (SDS)

OSHA HazCom 2012 Standard 29 CFR 1910.1200. Prepared to GHS Rev03.

Reviewed on 05/29/2014

Trade name: **NEW II**

(Contd. of page 4)

- **Explosion limits:**
 - Lower:** 0.7 Vol %
 - Upper:** 5.3 Vol %
- **Vapor pressure @ 20 °C (68 °F):** 0.31 mmHg
- **Density @ 20 °C (68 °F):** 0.764 g/cm³ (6.38 lbs/gal)
- **Relative density @ 15° C:** 0.765
- **Vapor density @ 20 °C (68 °F)** 5.6 (Air=1)
- **Evaporation rate @ 20 °C (68 °F)** 0.09 (nBuAc = 1)
- **Solubility in / Miscibility with Water:** Negligible
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:** 2.02 cSt @ 25° C
- **Other information**
 - VOC Content:** 764 gm/l
 - Organic Solvent Content:** 100%

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition I conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** High temperatures.
- **Incompatible materials:**
Strong acids, strong bases, strong oxidising agents and strong reducing agents.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:**
64742-48-9 Naphtha (Petroleum), Hydrotreated Heavy
 - Inhalation LC50 >5,000 mg/m³ 8 hours (vapor) (rat)
 - Oral LD50 >5,000 mg/kg (rat)
 - Dermal LD50 >3,000 mg/kg (rabbit)
- **Primary irritant effect:**
 - **on the skin:** No irritant effect.
 - **on the eye:** No irritating effect.

(Contd. on page 6)
USA

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Reviewed on 05/29/2015

Trade name: NEW II

(Contd. of page 5)

- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
- **Carcinogenic categories**
- **IARC (International Agency for Research on Cancer)**
Substance is not listed.
- **NTP (National Toxicology Program)**
Substance is not listed.
- **OSHA-Ca (Occupational Safety & Health Administration)**
Substance is not listed.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Water hazard class 2 (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **UN-Number**
- **DOT, ADR, IMDG, IATA** Non-regulated material*
- **UN proper shipping name**
- **DOT, ADR, IMDG, IATA** Not regulated for transportation

* This material is not regulated under 49 CFR in a container of 119 gallon capacity or less when transported solely by land.

(Contd. on page 7)

Safety Data Sheet (SDS)

OSHA HazCom 2012 Standard 29 CFR 1910.1200. Prepared to GHS Rev03.

Reviewed on 05/29/2015

Trade name: NEW II

(Contd. of page 6)

- **Transport hazard class(es)**
- **DOT, ADR, ADN, IMDG, IATA** Non-regulated material*

- **Packing group**
- **DOT, ADR, IMDG, IATA** Non-regulated material*
- **Environmental hazards:**
- **Marine pollutant:** No
- **Special precautions for user** Warning: Combustible liquid

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**
- **Section 355 (extremely hazardous substances):**
Substance is not listed.
- **Section 313 (Specific toxic chemical listings):**
Substance is not listed.
- **TSCA (Toxic Substances Control Act):**
Substance is listed.
- **Proposition 65**
- **Chemicals known to cause cancer:**
Substance is not listed.
- **Chemicals known to cause reproductive toxicity for females:**
Substance is not listed.
- **Chemicals known to cause reproductive toxicity for males:**
Substance is not listed.
- **Chemicals known to cause developmental toxicity:**
Substance is not listed.
- **Carcinogenic categories**
- **EPA (Environmental Protection Agency)**
Substance is not listed.
- **TLV (Threshold Limit Value established by ACGIH)**
Substance is not listed.
- **NIOSH-Ca (National Institute for Occupational Safety and Health)**
Substance is not listed.
- **GHS label elements:** The substance is classified and labeled according to the Globally Harmonized System (GHS).

(Contd. on page 8)

USA

Safety Data Sheet (SDS)

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· **Hazard pictograms**



GHS08

· **Signal word** *Danger*

· **Hazard-determining components of labeling:**

64742-48-9 Naphtha (Petroleum), Hydrotreated Heavy

· **Hazard statements**

H227 Combustible liquid.

H304 May be fatal if swallowed and enters airways.

· **Precautionary statements**

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P331 Do NOT induce vomiting.

P370+P378 In case of fire: Use water fog, foam, dry chemical or CO2 to extinguish.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P405 Store locked up.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container in accordance with local/national/international regulations.

· **National regulations:**

Substance is not listed.

· **State Right to Know**

Substance is not listed.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

(Contd. on page 9)

USA

Safety Data Sheet (SDS)

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Reviewed on 05/29/2014

Trade name: NEW II

(Contd. of page 8)

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

• **Date of preparation / last revision** 05/29/2015

• **Abbreviations and acronyms:**

ADR: Accord europeen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists EINECS:

European Inventory of Existing Commercial Chemical Substances CAS:

Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

: Flammable liquids, Hazard Category 4

Asp. Tox. 1: Aspiration hazard, Hazard Category 1

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